

Title (en)
Pressure vessel.

Title (de)
Druckbehälter.

Title (fr)
Récipient sous pression.

Publication
EP 0178136 A2 19860416 (EN)

Application
EP 85307140 A 19851004

Priority
GB 8425818 A 19841012

Abstract (en)
A portable pressure valve in the form of a welded steel tank having four upright substantially planar side walls (1 to 4) welded together at adjacent edges to form an assembly that is rectangular in horizontal cross-section. Top and bottom walls (5,7) are welded to the side walls, a relief valve (11) is mounted on the top wall and a discharge valve (25) is mounted on the bottom wall. A steel frame comprises an upright (26 to 29) at each of the four junctions between adjacent side wall edges and a reinforcing structure (eg. 36, 41, 47, 48, 49) for each side wall is welded to and extends between each pair of uprights and is also welded to the respective side wall, in order to give to the wall the strength necessary to withstand the expected pressures. Reinforcing structures are associated with the top and bottom walls for the same purpose. Base members are welded at the feet of the uprights and provide a horizontal base plane for the assembly.

IPC 1-7
F16J 12/00

IPC 8 full level
B65D 88/12 (2006.01); **F16J 12/00** (2006.01)

CPC (source: EP)
B65D 88/128 (2013.01); **F16J 12/00** (2013.01); **B65D 2588/125** (2013.01)

Cited by
EP2880999A4; EP0338573A1; US6142327A; CN108014352A; US8646641B2; WO2021069275A1; WO9921780A1; WO0170597A1

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